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ABSTRACT

A lexical analyzer for processing computer programming languages ~~is provided. The~~
~~lexical analyzer~~ can detect single character or multi-character delimiters, as well as single
and/or multi--character delimiter-tokens included in an input stream. In response to detecting
a delimiter, the lexical analyzer returns a token representing a string immediately preceding
the delimiter in the input stream. Upon detecting a delimiter-token, the lexical analyzer
stores the delimiter-token, and returns it on a subsequent call to the analyzer.